

SEQ ID NO:30
SEQ ID NO:8
SEQ ID NO:10
SEQ ID NO:12
SEQ ID NO:14

MRSYR-FSDYLHMSVFSNDMDLFCGEDSGVFSGESTVDFFSSSEVDSPWGD-----
MGDAASTSAPTTPTSI-----LITTLEGSDLLADADDGAGTDLVVARDERLLVVDQDEE
HELTASSS-----LC-----
MNAEPPPLPALLMSVSCLSDYDLCGEDSSGILSGESPECSFSDIDSSPPPSPTTEDCY
ARA-----GIM-DSSSPECs-SDLDSSPPSEAE-----

SEQ ID NO: 30
SEQ ID NO: 8
SEQ ID NO: 10
SEQ ID NO: 12
SEQ ID NO: 14

SIACFIEDERHFVPGHDYLSRFQTRSILDASAREDSVAWILKYQAYYINFQPLTAYLAVNYM
YVALLLSKESASGGG-GPVEEMEDWM--KAARSGCVRWIKTTAMFRFGGKTAYVAVNVL

SIASFIEHERNFVPGFEEYLQSRSLDANAREESVGWILKYHAYYGFQPLTAYLAVNYM
SIAGFMEDERNFVPGFEEYLNRFQSRSLDASAREESVAWILKYQAYYAFQPVTAYLSVNVL

SEQ	ID	NO: 30
SEQ	ID	NO: 8
SEQ	ID	NO: 10
SEQ	ID	NO: 12
SEQ	ID	NO: 14

DRFLYARRLP - ETSQWPQMOLLAVACLSAAKMEELVPSLFDFOVAGVKYLFEAKTIKRM
DRFLAQRRVNRE - HAWGLQLLMVACMSLATKLEEHAPRLSEFPLDACEFAFDASILRM
DRFLARRCVDRD - KEWALQQLSVACLSAAKVEERRPPRLPEFKLDM- - - YDCASLMRM
DRFLDSRRLP - ETINGWPLQLVSVACLSAAKMEELVPSLLDLQLEGAKYIIFEPTIRRM
DRFLNSRPLPKTNGWPLQLLSVACLSAAKMEESLVPSLLDLQVEGAKYVFEPKTIRRM

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SEQ	ID NO: 30
SEQ	ID NO: 8
SEQ	ID NO: 10
SEQ	ID NO: 12
SEQ	ID NO: 14

ELLVLSVLDWRLRSVTVPFDIFISEFFAYKIDPSGTFGLFFFISHATEIIILSNIKEASFLEYWP
ELLVLGTLLEWRMLIAVTPTFPYIISYFAARFRETSAA--GRILMRAVECVFAIAKVISSVXRP
ELLVLTTLKWQMITETPFSYLNCFATAKFRHDER--KAIVLRAIECIFASIKVISSVGYQP
ELLVLGVDWRLRSVTPLCFLAFAACKVDSITGTFLISRATQIILSNIQEASFLAYWP
ELLVLGVDWRLRSVTPFSFLDEFACKLDSITGTFTGFLISRATQIILSNIQEASFLAYWP

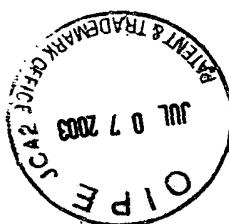


Fig. 2A

SEQ	ID NO:30	SSIAAAAILCVANELPSLSSVVNPHESSPETWCDGLSKEKIVRCYRLMKAMAIEENNRLNTP
SEQ	ID NO:8	STIAVASIL-----
SEQ	ID NO:10	STIALAAIL-----
SEQ	ID NO:12	SCIAAAAILTAANEIPNWNS-VVKP-ENAESWCEGLRKEKVIIGCYQLMQELVINNNQRKLP
SEQ	ID NO:14	SCIAAAAILHAANEIPNWNS-LVRP-EHAESWCEGLRKEKIIIGCYQLMQELVIDNNQRKPP

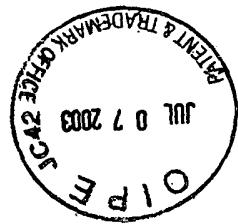
241

SEQ	ID NO:30	--KVIAKLRRVSVRA-----SSTLTRPSDESSSP--CKRKLSGYSWVGDETSTSN
SEQ	ID NO:8	-----
SEQ	ID NO:10	NLDELSVHRLAPWQLM-----L
SEQ	ID NO:12	LLKVLPQLRVTTRTRMRSSTVSSF--SSSSSTSFSLSCKRKLNNRLWVDD-KGNSE
SEQ	ID NO:14	--KVLPQLRVTISRPIMRSSVSSFLASSSSSPSSSSLSCCRRLKLNNSLWVDDKGNSQ

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Fig. 2B



SEQ	ID NO:31	MAADNIYDFVASNLLCTETKS--LCFDDVDSLTTISQONIETKSIDLSENNINGIRSEPLIDL
SEQ	ID NO:18	MAP-SCYDAASMLCAEEHSSILWYE-----EEEELAEVGRRSRSPGYGDDFGADL
SEQ	ID NO:22	-----
	1	60

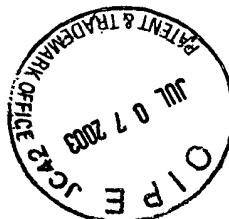
SEQ	ID NO:31	-PSLSEECLSFMVOREMELPKDDYVERLRSGDL,DL-SVRKEALDWILKAHMHYGFGELS
SEQ	ID NO:18	FPPQSEECVAGLVERERDHMPGPCYGDRLRGGGCL-CVRREAVDWIWKAYTHHRFRPLT
SEQ	ID NO:22	----- -HLRATRGCPRVRRD----- -HPSSDLT
	1	120

SEQ	ID NO:31	FCLSYNYLDRFLSLYELPRSKTWTVQLLAVALSLAAKMEEINVPLTVDLQ-VGDPKFVF
SEQ	ID NO:18	AYLAVNYLDRFLSILSEVPDCDKDWMTQQLLAVALCVS LAAKMEETAVPQCLDLQEVGDARYVF
SEQ	ID NO:22	----- -EANSAF
	1	121

SEQ	ID NO:31	EGKTIQRMELLVLSTLKWRMQAYTPYTFIDYFMRKMN-GDQIPSRLISGSMQLILSII
SEQ	ID NO:18	EAKTVQRMELLVLTTLNWRMHAVTTPFSYVDYFLINKLNNGGSTAPRSCWLQLQSAELIRAA
SEQ	ID NO:22	EARTIKVMELLVFSSTLKWRMQAVTACSFIDYFLCKFND-HDTPSMLAFSCSTDLLISTT
	1	181

SEQ	ID NO:31	R SIDFLEFRSSEI AASVAMS VS GE IQAKD IDKAMP-CFFIHL DKG R VQKC VVELI QDLTTA
SEQ	ID NO:18	RG TGCVGFRPSEIAAAA AVAAGDVDDADGVENAC-C-AHVDKERVLRCQEAIGSMASS
SEQ	ID NO:22	KXADFLVFRHSEIAGSVALPSFGEHKTSVVEMATTNCKYIN-----KGVXCD-----
	1	241

FIG. 3A



SEQ ID NO:31
SEQ ID NO:18
SEQ ID NO:22

TITAAASL-----VPQSPIGVLEAAACLSYKSGDERTV-----
AIDDATVPPKSARRSSPVPVQSPVGVLDAAPCLSYRSEEATATAASHGAPG
-----RKDPDEVPLW-----NAYLKF-----
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SEQ ID NO:31
SEQ ID NO:18
SEQ ID NO:22

-----GSCTSSHTKRRKL-----DTSSLEHGTSEKL
SSSSSTSPVTSKRRKLASRCDGCSDRSKRAPAQWTKE
-----GLRDML-----
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FIG. 3B

